

ABSTRACT OF THE DISCLOSURE

Polyurethaneurea resins containing at least one group of the formula (I)



and/or at least one group of the formula (II)

5 $\{\text{--NH}(\text{CO})\text{XO}\}_a\{\text{CH}_2=\text{CR}^2(\text{CO})\text{O}\}_b\text{R}^4$



wherein

X = [O(CH₂)₄]_q(OC₂H₄)_x(OC₃H₆)_y[O(CH₂)₅(CO)]_z;

q = 0 to 10;

10 x = 0 to 20;

y = 0 to 20;

z = 0 to 10;

n = 2 or 3;

a = 1 or 2;

15 b = 0 to 4;

c = 1 to 5;

R¹ = -C₂H₄-, -C₃H₆-, -C₄H₈-, -CH(CH₂O(CO)R⁵)CH₂- or

-CH₂CH(O(CO)R⁵)CH₂-;

R² = H or CH₃;

20 R³ = C1 to C4 alkyl;

R⁴ = a+b+c-valent, saturated hydrocarbon residue of a (cyclo)alkane polyol with a+b+c hydroxyl groups;

R⁵ = an acid residue of a monocarboxylic acid,

with the proviso that a+b+c = 3 to 6 and wherein the sequence of the

25 subformulae indicated q, x, y and z may be varied at will and q, x, y and z in each case merely state the number of instances of the particular subformulae contained in the formulae (I) and (II).